

Title (en)

Method and system for determining Min/Max values

Title (de)

Verfahren und System zur Bestimmung von Min/Max Werten

Title (fr)

Procédé et système pour déterminer les valeurs minimum ou maximum

Publication

EP 0884673 A2 19981216 (EN)

Application

EP 98202651 A 19900501

Priority

- EP 90304738 A 19900501
- US 34760589 A 19890504
- US 34759689 A 19890504
- US 34761589 A 19890504

Abstract (en)

The instructions CRGT or CRLT involve a high speed greater-than and less-than computation which readily computes maximums and minimums when used repeatedly. The arithmetic and logic unit, ALU (21), operates coactively to compare the content of accumulator (23) to ACCB (31), by subtraction, to obtain the sign of the arithmetic difference. The greater or lesser value depending on the instruction CRGT or CRLT respectively is supplied to ACCB (31) by either storing ACC (23) to ACCB (31) or omitting to do so, depending on the state of the comparison.

IPC 1-7

G06F 9/302; G06F 9/30

IPC 8 full level

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CPC (source: EP)

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